

1633

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/242,202

DATE: 05/18/2000  
TIME: 14:39:24

Input Set : A:\20264236.app  
Output Set: N:\CRF3\05182000\I242202.raw

C--> 11 (1) GENERAL INFORMATION:  
C--> 13       (i) APPLICANT: Nelson, Edward L.  
14              Nelson, Peter J.  
C--> 16       (ii) TITLE OF INVENTION: NOVEL VECTOR FOR  
17              POLYNUCLEOTIDE VACCINES  
C--> 19       (iii) NUMBER OF SEQUENCES: 29  
C--> 21       (iv) CORRESPONDENCE ADDRESS:  
C--> 22       (A) ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
C--> 23       (B) STREET: 345 PARK AVENUE  
C--> 24       (C) CITY: NEW YORK  
C--> 25       (D) STATE: NEW YORK  
C--> 26       (E) COUNTRY: USA  
C--> 27       (F) ZIP: 10154  
C--> 29       (v) COMPUTER READABLE FORM:  
C--> 30       (A) MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB  
C--> 31       (B) COMPUTER: IBM PC COMPATIBLE  
C--> 32       (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
C--> 33       (D) SOFTWARE: MS WORD 97  
C--> 36       (vi) CURRENT APPLICATION DATA:  
C--> 37       (A) APPLICATION NUMBER: US/09/242,202  
C--> 38       (B) FILING DATE: 01-Nov-1999  
C--> 40       (vii) PRIOR APPLICATION DATA:  
C--> 41       (A) APPLICATION NUMBER: US60/023931  
C--> 42       (B) FILING DATE: 14-AUG-1996  
C--> 44       (viii) ATTORNEY/AGENT INFORMATION:  
C--> 45       (A) NAME: KATHRYN M. BROWN  
C--> 46       (B) REGISTRATION NUMBER: 34556  
C--> 47       (C) REFERENCE/DOCKET NUMBER: 2026-4236US1  
C--> 49       (ix) TELECOMMUNICATION INFORMATION:  
C--> 50       (A) TELEPHONE: (212) 758-4800  
C--> 51       (B) TELEFAX: (212) 751-6849  
C--> 52       (C) TELEX: 421792

Does Not Comply  
Corrected Diskette Needed

## ERRORED SEQUENCES

C--> 629 (2) INFORMATION FOR SEQ ID NO: 20:  
C--> 631       (i) SEQUENCE CHARACTERISTICS:  
C--> 632       (A) LENGTH: 287 amino acids  
C--> 633       (B) TYPE: amino acid  
C--> 634       (D) TOPOLOGY: unknown  
C--> 636       (ii) MOLECULE TYPE: protein  
C--> 638       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
641 Pro Ala Pro Gly Ala Gly Gly Met Val His His Arg  
642     1               5               10  
643 His Arg Ser Ser Ser Thr Arg Ser Gly Gly Gly Asp  
644     15              20

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645 Leu Thr Leu Gly Leu Glu Pro Ser Glu Glu Glu Ala  
646 25 30 35  
647 Pro Arg Ser Pro Leu Ala Pro Ser Glu Gly Ala Gly  
648 40 45  
649 Ser Asp Val Phe Asp Gly Asp Leu Gly Met Gly Ala  
650 50 55 60  
651 Ala Lys Gly Leu Ser Leu Pro Thr His Asp Pro Ser  
652 65 70  
653 Pro Leu Gln Arg Tyr Ser Glu Asp Pro Thr Val Pro  
654 75 80  
655 Leu Pro Ser Glu Thr Asp Gly Tyr Val Ala Pro Leu  
656 85 90 95  
658 Thr Cys Ser Pro Gln Pro Glu Tyr Val Asn Gln Pro  
659 100 105  
660 Asp Val Arg Pro Pro Pro Ser Pro Arg Glu Gly Pro  
661 110 115 120  
663 Leu Pro Ala Ala Arg Pro Ala Gly Ala Thr Leu Glu  
664 125 130  
665 Arg Pro Lys Thr Leu Ser Pro Gly Lys Asn Gly Val  
666 135 140  
672 Val Lys Asp Val Phe Ala Phe Gly Gly Ala Val Glu  
673 145 150 155  
674 Asn Pro Glu Tyr Leu Thr Pro Gln Gly Thr Cys Ser  
675 160 165  
676 Pro Gln Pro Glu Tyr Val Asn Gln Pro Asp Val Arg  
677 170 175 180  
678 Pro Gln Pro Pro Ser Pro Arg Glu Gly Pro Leu Pro  
679 185 190  
680 Ala Ala Arg Pro Ala Gly Ala Thr Leu Glu Arg Pro  
681 195 200  
682 Lys Leu Ser Pro Gly Lys Asn Gly Val Val Lys Asp  
683 205 210 215  
684 Val Phe Ala Phe Gly Gly Ala Val Glu Asn Pro Glu  
685 220 225  
686 Tyr Leu Thr Pro Gln Gly Gly Ala Ala Pro Gln Pro  
687 230 235 240  
688 His Pro Pro Pro Ala Phe Ser Pro Ala Phe Asp Asn  
689 245 250  
690 Leu Tyr Tyr Trp Asp Asp Pro Pro Glu Arg Gly Ala  
691 255 260  
692 Pro Pro Ser Thr Phe Lys Gly Thr Pro Thr Ala Glu  
E--> 693 265 270 275  
694 Asn Pro Glu Tyr Leu Gly Leu Asp Val Pro Val  
695 280 285

VERIFICATION SUMMARY  
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L:11 M:220 C: Keyword misspelled or invalid format, [(1) GENERAL INFORMATION:]
L:13 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:]
L:16 M:220 C: Keyword misspelled or invalid format, [(iii) TITLE OF INVENTION:]
L:19 M:220 C: Keyword misspelled or invalid format, [(iii) NUMBER OF SEQUENCES:]
L:21 M:220 C: Keyword misspelled or invalid format, [(iv) CORRESPONDENCE ADDRESS:]
L:22 M:220 C: Keyword misspelled or invalid format, [(A) ADDRESSEE:]
L:23 M:220 C: Keyword misspelled or invalid format, [(B) STREET:]
L:24 M:220 C: Keyword misspelled or invalid format, [(C) CITY:]
L:25 M:220 C: Keyword misspelled or invalid format, [(D) STATE:]
L:26 M:220 C: Keyword misspelled or invalid format, [(E) COUNTRY:]
L:27 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]
L:29 M:220 C: Keyword misspelled or invalid format, [(v) COMPUTER READABLE FORM:]
L:30 M:220 C: Keyword misspelled or invalid format, [(A) MEDIUM TYPE:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) COMPUTER:]
L:32 M:220 C: Keyword misspelled or invalid format, [(C) OPERATING SYSTEM:]
L:33 M:220 C: Keyword misspelled or invalid format, [(D) SOFTWARE:]
L:36 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]
L:37 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:38 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:40 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:41 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:42 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:44 M:220 C: Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:45 M:220 C: Keyword misspelled or invalid format, [(A) NAME:]
L:46 M:220 C: Keyword misspelled or invalid format, [(B) REGISTRATION NUMBER:]
L:47 M:220 C: Keyword misspelled or invalid format, [(C) REFERENCE/DOCKET NUMBER:]
L:49 M:220 C: Keyword misspelled or invalid format, [(ix) TELECOMMUNICATION INFORMATION:]
L:50 M:220 C: Keyword misspelled or invalid format, [(A) TELEPHONE:]
L:51 M:220 C: Keyword misspelled or invalid format, [(B) TELEFAX:]
L:52 M:220 C: Keyword misspelled or invalid format, [(C) TELEX:]
L:54 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
L:56 M:220 C: Keyword misspelled or invalid format, [(i) SEQUENCE CHARACTERISTICS:]
L:57 M:220 C: Keyword misspelled or invalid format, [(A) LENGTH:]
L:58 M:220 C: Keyword misspelled or invalid format, [(B) TYPE:]
L:59 M:220 C: Keyword misspelled or invalid format, [(C) STRANDEDNESS:]
L:60 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]
L:62 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]
L:68 M:220 C: Keyword misspelled or invalid format, [(iii) HYPOTHETICAL:]
L:70 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:72 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:88 M:220 C: Keyword misspelled or invalid format, [(2) INFORMATION FOR SEQ ID NO:]
L:90 M:220 C: Keyword misspelled or invalid format, [(i) SEQUENCE CHARACTERISTICS:]
L:91 M:220 C: Keyword misspelled or invalid format, [(A) LENGTH:]
L:92 M:220 C: Keyword misspelled or invalid format, [(B) TYPE:]
L:94 M:220 C: Keyword misspelled or invalid format, [(C) STRANDEDNESS:]
L:95 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]
L:97 M:220 C: Keyword misspelled or invalid format, [(ii) MOLECULE TYPE:]
L:99 M:220 C: Keyword misspelled or invalid format, [(iii) HYPOTHETICAL:]
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/242,202

DATE: 05/18/2000

TIME: 14:39:25

Input Set : A:\20264236.app

Output Set: N:\CRF3\05182000\I242202.raw

L:101 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]  
L:103 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]  
L:693 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:20  
L:808 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23, Value=[oligonucleotide]  
L:828 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24, Value=[oligonucleotide]